



EPA'S OZONE ADVANCE PROGRAM

What Participation Could Mean for Baton Rouge Area

PRESENTATION OVERVIEW

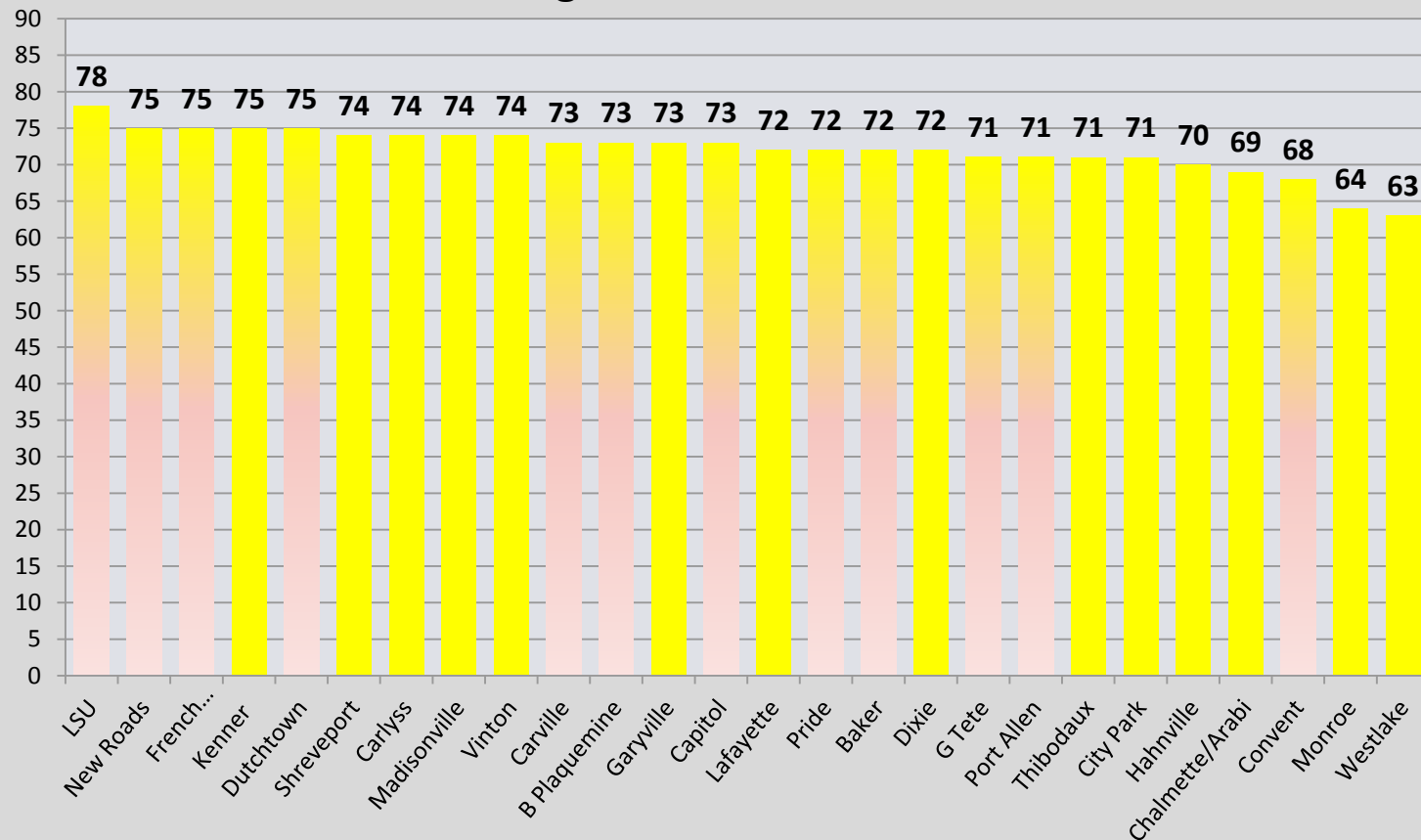
- ⊙ What is the attainment outlook for this area?
- ⊙ What is the Ozone Advance Program?
- ⊙ Who can participate?
- ⊙ What are the criteria for program eligibility?
- ⊙ What might you get out of participating?
- ⊙ What does participation mean?
- ⊙ How do I get started?

WHAT IS THE 2008 OZONE STANDARD

- ◎ Air quality in area continues to improve
 - ◎ EPA continues to make standard more stringent
 - ◎ Imagine a limbo bar...
- ◎ 8-hour primary ozone standard to 75 parts per billion (ppb) is protective of human health
 - ◎ 1 ppb is equivalent to 1 drop of water in an Olympic sized pool
- ◎ How is attainment determined?
 - ◎ Design Value – the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentration measured at each monitor within an area.

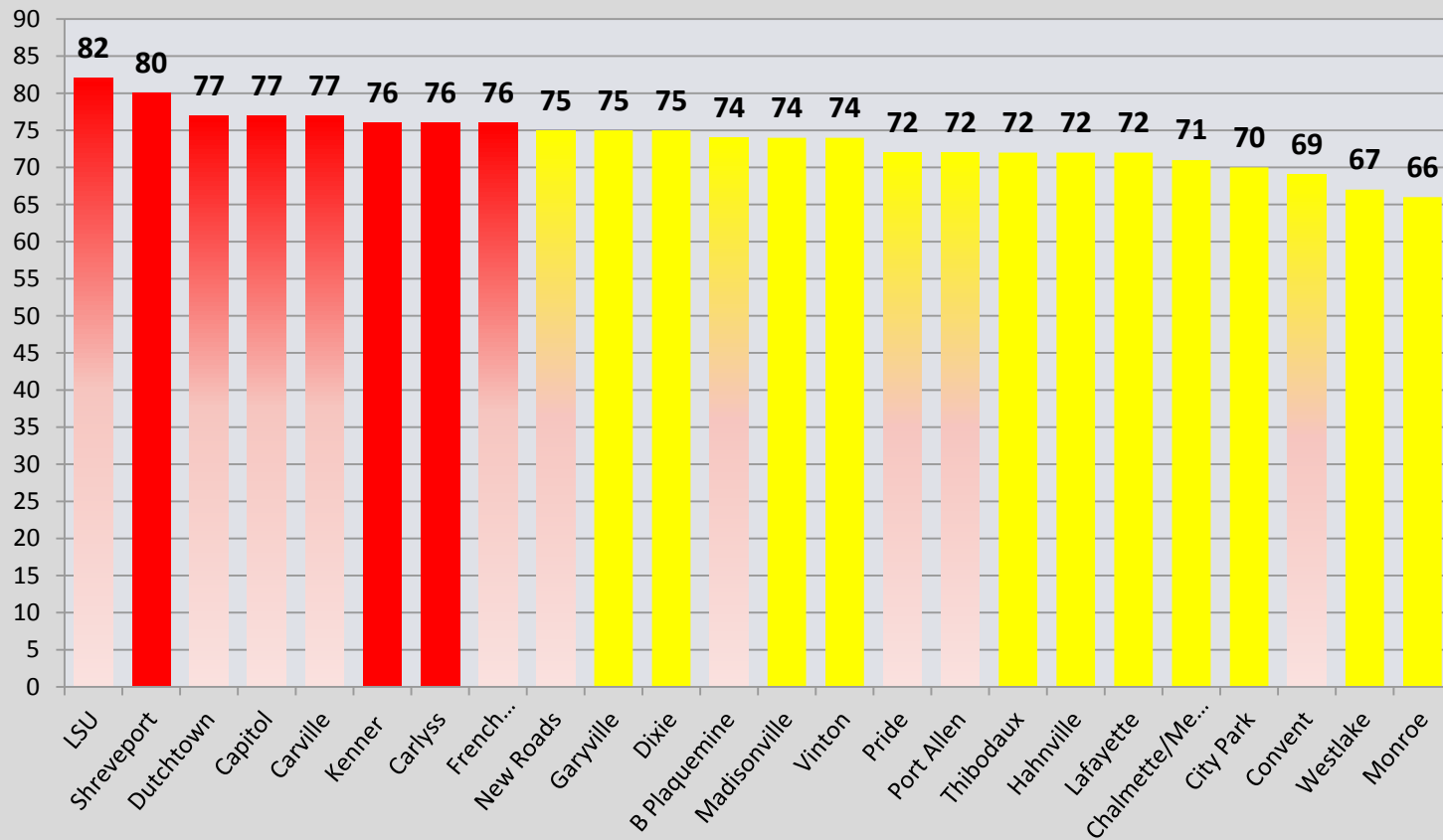
DESIGN VALUE CHART

8-hr Design Value as of December 31, 2010

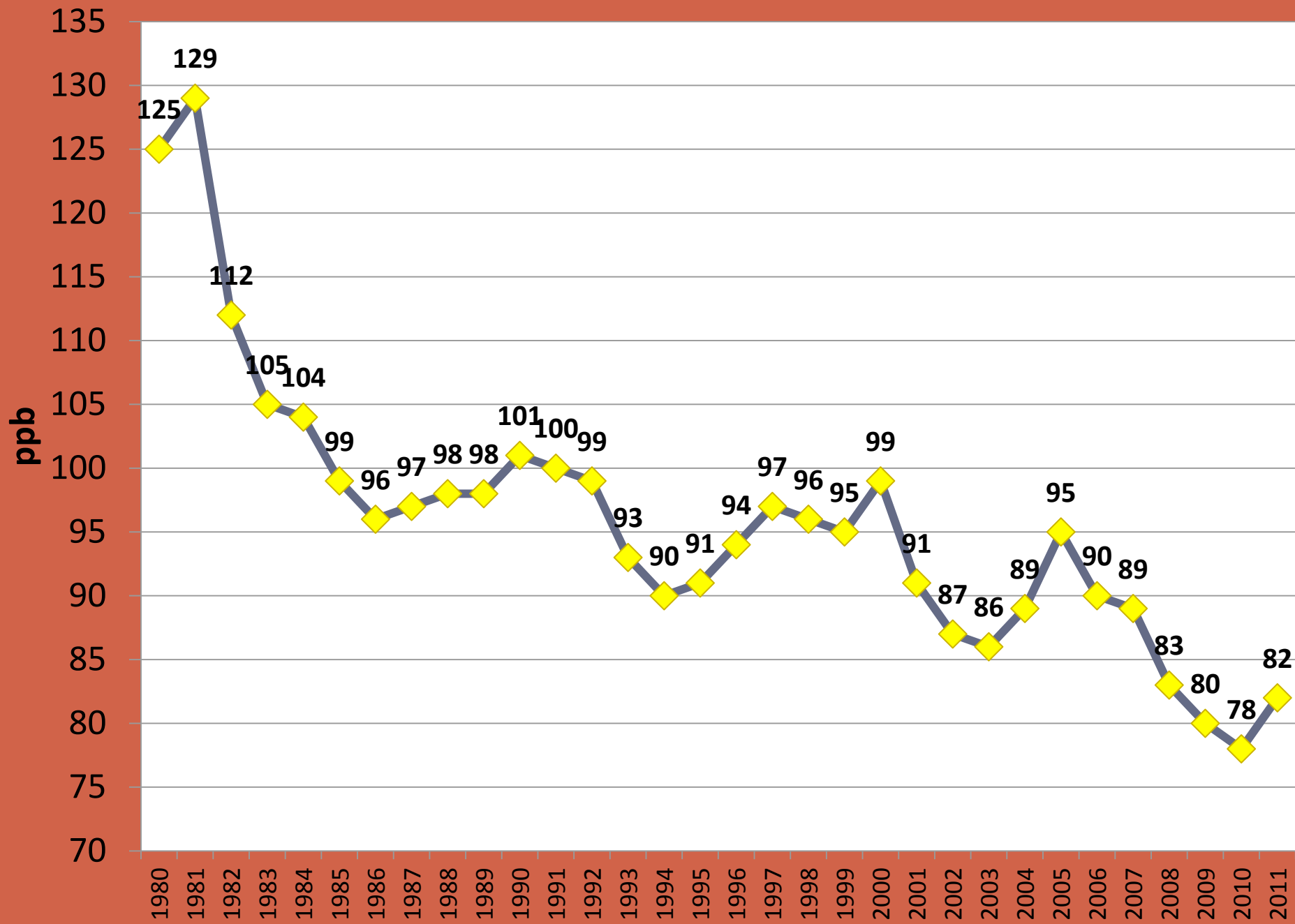


DESIGN VALUE CHART

8-hr Design Value as of December 31, 2011



Baton Rouge Area Design Values, 8-Hour

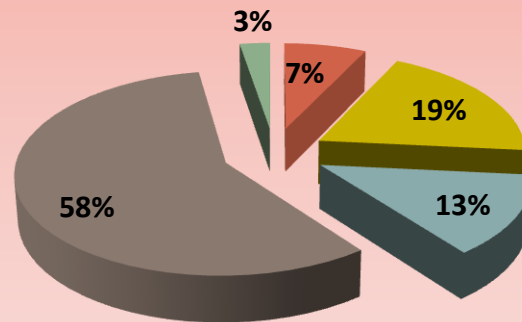


BATON ROUGE MSA

ASCENSION, EAST BATON ROUGE, IBERVILLE, LIVINGSTON, POINTE
COUPEE AND WEST BATON ROUGE

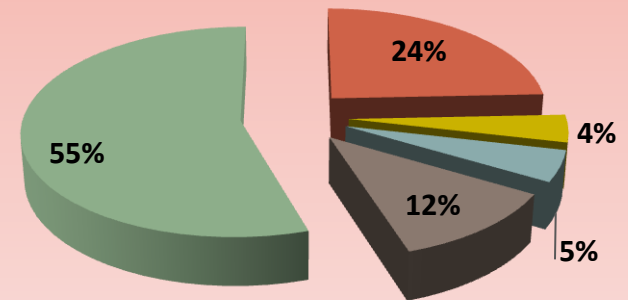
2009 Baton Rouge Area NOx Emissions, tpd

Area Nonroad Onroad Point Biogenics



2009 Baton Rouge Area VOC Emissions, tpd

Area Nonroad Onroad Point Biogenics



WHAT IS OZONE ADVANCE?

- ① Ozone Advance is a collaborative effort by EPA, states, tribes and local governments to encourage emission reductions in ozone attainment areas, to help them continue to meet the National Ambient Air Quality Standard (NAAQS).

WHAT MIGHT YOU GET OUT OF PARTICIPATING?

- ⊙ EPA support
- ⊙ Rallying point for public/stakeholder awareness and involvement
- ⊙ Framework for action
- ⊙ Preferred status for DERA grants, see www.epa.gov/cleandiesel/prgnational.htm
- ⊙ Possible recognition
- ⊙ Opportunity to highlight measures/programs already underway along with those undertaken as part of Program
- ⊙ Stakeholder group formation, engagement

PROGRAM GOALS

- ③ Help attainment areas take action in order to keep ozone levels below the level of the standard to ensure continued health protection
- ③ Better position areas to remain in attainment
- ③ Efficiently direct available resources toward actions to address ozone problems quickly.

WHY SHOULD ATTAINMENT AREAS WORK TO REDUCE OZONE?

- ⊙ Ensure continued **health** protection
- ⊙ **Less resource intensive** to implement measures early
- ⊙ More **flexibility** to pursue a wide range of options
- ⊙ **Proactive**
 - ⊙ Could better position some areas to stay in attainment
 - ⊙ If eventually designated, could provide needed reductions that could result in a lower classification and/or that could feed into any eventual SIP
- ⊙ EPA could consider early efforts as a **factor in exercising for its discretion to redesignate** areas not violating in 2008-10 but violating in later years to nonattainment
- ⊙ Multi-pollutant **co-benefits**

WHO CAN PARTICIPATE?

- ② States, tribes, local governments
- ② Councils of Government
- ② Other stakeholders, in conjunction with any of the above
- ② “Lead” participant?

WHAT ARE THE CRITERIA FOR PROGRAM ELIGIBILITY?

- ⊙ Area must not be nonattainment for either 1997 or 2008 8-hour standards at the time they are accepted into the program.
 - ⊙ Maintenance areas
 - ⊙ Eventual Marginal areas
- ⊙ Local entity should generally identify the area
- ⊙ DEQ will identify the monitor(s) that reflect the area's air quality
- ⊙ Required emissions inventory reporting should be complete (DEQ handles this)

HOW DO I PARTICIPATE?

- ◎ Submit a letter of intent to EPA prior to initial designations under the 2008 ozone standard
 - ◎ Must be received by EPA **BEFORE** July 20, 2012
 - ◎ Copy LDEQ on your submittal
- ◎ Submit to:
 - Environmental Protection Agency
 - Office of Air Quality Planning and Standards (OAQPS)
 - Attention: Laura Bunte – Ozone Advance Program C304-01
 - 109 TW Alexander Drive
 - Research Triangle Park, NC 27711
 - OR via email to: ADVANCE@epa.gov
- ◎ DEQ will provide a letter template

WHAT DOES PARTICIPATION MEAN FOR YOU?

- ② Work to Develop a “path forward” plan within a year
- ② Plan should
 - ⦿ Use best efforts to move quickly toward identifying steps that may reduce ozone levels
 - ⦿ Implement path forward, measures/programs as soon as possible
 - ⦿ Collect information as to plan effectiveness
 - ⦿ Informal status check-ins with EPA at least annually

OTHER IDEAS

- ① Ozone Awareness Campaign
 - ② Meteorologist Training
 - ② News Spots highlighting ozone

QUESTIONS ABOUT OZONE ADVANCE

DEQ

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QUESTIONS ABOUT OZONE ADVANCE

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QUESTIONS ABOUT MOBILE SOURCES

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